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What is claimed is:

 A recording method for a record medium, comprising the steps of:

adding right information containing at least copyright management information to at least one of a plurality of pieces of input data; and

performing a signal process for the plurality of pieces of the input data in the unit of data to which the right information has been added so as to record the processed data to the record medium.

2. The recording method as set forth in claim 1, further comprising the step of:

performing an encrypting process for data to which the right information has been added in the unit of data to which the right information has been added.

The recording method as set forth in claim 1,

wherein when the right information has been added in the unit of a plurality of pieces of the input data, the signal process for the plurality of pieces of the input data is performed in the unit of the plurality of pieces of the input data to which the right information has been added so as to record the processed data to the record medium.

4. The recording method as set forth in claim 3, further comprising the step of:

performing an encrypting process for a plurality of pieces of data to which the right

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information has been added in the unit of a plurality of pieces of data to which the right information has been added.

5. The recording method as set forth in claim 3, further comprising the step of:

selecting a first manner of which the right information is added in the unit of one of the plurality of pieces of the input data or a second manner of which the right information is added in the unit of the plurality of pieces of the input data corresponding to supplied designation information.

- 6. A recording apparatus for a record medium, comprising:
- a first adding circuit portion for adding right information to one of a plurality of pieces of input data;
- a second adding circuit portion for adding right information to the plurality of pieces of the input data in the unit of the plurality of pieces of the input data;
- a signal processing portion for performing a signal process for data to which the right information has been added so as to record the processed data to the record medium;
- a recording portion for recoding data to the record medium corresponding to output data of said signal processing portion; and

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a selecting circuit portion for selectively supplying output data of said first adding circuit portion or output data of said second adding circuit portion to said signal processing portion.

- 7. The recording apparatus as set forth in claim6. further comprising:
- a first encrypting circuit portion for performing an encrypting process for the output data of said first adding circuit portion; and

a second encrypting circuit portion for performing an encrypting process for the output data of said second adding circuit portion,

wherein said first encrypting circuit portion is disposed between said first adding circuit portion and said selecting circuit portion, and

wherein said second encrypting circuit portion is disposed between said second adding circuit portion and said selecting circuit portion.

8. A recording method for a record medium, comprising the steps of:

performing an encrypting process for at least one of a plurality of pieces of input data; and

performing a signal process for the plurality of pieces of the input data in the unit of data for which the encrypting process has been performed so as to record the processed data to the record medium.

9. The recording method as set forth in claim 8,

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further comprising the step of:

adding right information to the data for which the encrypting process has been performed in the unit of the data for which the encrypting process has been performed.

- 10. The recording method as set forth in claim 8, wherein when the encrypting process is performed in the unit of the plurality of pieces of the input data, the signal process is performed in the unit of the plurality of pieces of data for which the encrypting process has been performed so as to record the processed data to the record medium.
- 11. The recording method as set forth in claim 10, further comprising the step of:

adding right information to the plurality of pieces of data for which the encrypting process has been performed in the unit of the plurality of pieces of data for which the encrypting process has been performed.

20 12. The recording method as set forth in claim 10, further comprising the step of:

selecting a first manner of which the encrypting process is performed for one of the plurality of pieces of the input data or a second manner of which the encrypting process is performed for a plurality of pieces of the input data corresponding to supplied designation information.

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- 13. A recording apparatus for a record medium, comprising:
- a first encrypting circuit portion for performing an encrypting process for one of a plurality of pieces of input data;
- a second encrypting circuit portion for performing an encrypting process for a plurality of pieces of the input data in the unit of the plurality of pieces of the input data;
- a signal processing portion for performing a signal process for the encrypted data so as to record the processed data to the record medium;
- a recording portion for recording data to the record medium corresponding to output data of said signal processing portion; and
- a selecting circuit portion for selectively supplying output data of said first encrypting circuit portion or output data of said second encrypting circuit.
- 14. The recording apparatus as set forth in claim13, further comprising:
- a first adding circuit portion for adding right information to the output data of said first encrypting circuit portion; and
- a second adding circuit portion for adding right information to the output data of said second encrypting circuit portion,

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wherein said first adding circuit portion is disposed between said first encrypting circuit portion and said selecting circuit portion, and

wherein said second adding portion is disposed between said second encrypting circuit portion and said selecting circuit portion.

15. A recording method for a record medium, comprising the steps of:

adding right information containing at least copyright management information to a plurality of pieces of input data in the unit of at least one of the plurality of pieces of the input data;

performing an encrypting process for the data to which the right information has been added;

adding right information containing at least copyright management information to the plurality of pieces of the data in the unit of the plurality of pieces of the data for which the encrypting process has been performed:

performing an encrypting process for the data to which the right information has been added;

performing a signal process for the plurality of pieces of the data for which the encrypting process has been performed; and

recording the data for which the signal process has been performed to the record medium.

A reproducing method for a record medium,

comprising the steps of:

reading at least key information from data that is read from the record medium;

determining whether an encoding process containing at least an encrypting process has been performed for data that has been read from the record medium in the unit of at least one of a plurality of pieces of the data or an encoding process containing at least an encrypting process has been performed for the data that has been read from the record medium in the unit of the plurality of pieces of the data;

decoding the plurality of pieces of data that has been read from the record medium in the unit of one of the plurality of the data using the key information when the determined result at the determining step represents that the encoding process has been performed for the data that has been read from the record medium in the unit of one of the plurality of pieces of the data; and

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decoding the plurality of pieces of data that has been read from the record medium using the key information in the unit of the plurality of pieces of the data when the determined result at the determining step represents that the encoding process has been performed for the data that has been read from the record medium in the unit of the plurality of pieces of the data.

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17. The reproducing method as set forth in claim 16.

wherein location information that represents a recorded location of at least the key information is recorded so that the location information is read earlier than the data.

18. The reproducing method as set forth in claim 16, further comprising the steps of:

 $\label{eq:reading} \textbf{reading determination information from the} \\ \textbf{record medium; and}$ 

determining whether an encoding process containing at least an encrypting process has been performed for data recorded on the record medium in the unit of one of a plurality of pieces of the data or an encoding process containing at least an encrypting process has been performed for data recorded on the record medium in the unit of a plurality of pieces of the data.

wherein the determination information is recorded on the record medium for determining whether the encoding process containing at least the encrypting process has been performed for the data recorded on the record medium in the unit of one of a plurality of pieces of the data or the encoding process containing at least the encrypting process has been performed for the data recorded on the record medium in the unit of a plurality of pieces of the data.

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19. A reproducing method for a record medium, comprising the steps of:

reading right information containing at least copyright management information from data that has been read from a record medium;

determining whether or not data that is read from the record medium corresponding to a data read command is capable of being read in the unit of one of a plurality of pieces of the data corresponding to the right information that has been read: and

reading the data designated with the data read command from the record medium when the determined result at the determining step represents that the data is capable of being read in the unit of one of the plurality of pieces of the data.

20. The reproducing method as set forth in claim 19, further comprising the step of:

controlling a reproducing process for the data designated with the data read command corresponding to the right information when the determined result at the determining step represents that the data is capable of being read in the unit of one of a plurality of pieces of the data and the data designated with the data read command is read.

21. The reproducing method as set forth in claim 20, further comprising the step of:

stopping reading the data designated with the

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data read command from the record medium when the determined result at the determining step represents that the data is not capable of being read in the unit of one of a plurality of pieces of the data.

22. The reproducing method as set forth in claim20, further comprising the step of:

displaying an alarm message.

23. A reproducing method for a record medium, comprising the steps of:

reading right information containing at least copyright management information from data that has been read from a record medium:

determining whether or not a plurality of pieces of data are capable of being read corresponding to the right information that has been read when a read command for reading a plurality of pieces of the data is issued: and

reading the plurality of pieces of the data designated with the read command when the determining step represents that the data is capable of being read in the unit of a plurality of pieces of the data.

- 24. The reproducing method as set forth in claim23, further comprising the step of:
- controlling a reproducing process for the plurality of pieces of data designated with the read command corresponding to the right information when the determining step represents that the data is capable of

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being read in the unit of a plurality of pieces of the data and the plurality of pieces of the data designated with the read command are read.

25. The reproducing method as set forth in claim23. further comprising the step of:

stopping reading the plurality of pieces of the data designated with the read command from the record medium when the determined result at the determining step represents that the data is prohibited from being read in the unit of a plurality of pieces of the data.

26. The reproducing method as set forth in claim
25, further comprising the step of:

displaying an alarm message.

27. An output controlling method for data, comprising the steps of:

determining whether data is capable of being read in the unit of one or a plurality of pieces of the data corresponding to right information containing at least copyright management information added to the data when a data read command for reading one of the plurality of pieces of data is issued; and

controlling the output of the data designated with the data read command when the determined result at the determining step represents that the data is capable of being read in the unit of one of the plurality of pieces of the data.

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28. The output controlling method as set forth in claim 27, further comprising the step of:

prohibiting the data designated with the data read command from being output when the right information that has been read prohibits the data from being copied.

29. The output controlling method as set forth in claim 27, further comprising the step of:

outputting the data designated with the data read command when the right information that has been read permits copying the data.

30. The output controlling method as set forth in claim 27, further comprising the step of:

stopping reading the data designated with the read command when the determined result of the determining step represents that the data is capable of being read in the unit of the plurality of pieces of the data.

31. The output controlling method as set forth in claim 27, further comprising the step of:

controlling the output of a plurality of pieces of the data designated with the data read command corresponding to the right information that has been read when a data read command for reading a plurality of pieces of the data has been issued and the determined result of the determining step represents that the data is capable of being read in the unit of a

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plurality of pieces of the data.

32. The output controlling method as set forth in claim 31, further comprising the step of:

outputting the plurality of pieces of the data designated with the data read command when the right information permits copying the data in the unit of a plurality of pieces of the data.

33. The output controlling method as set forth in claim 31, further comprising the step of:

prohibiting the plurality of pieces of the data designated with the data read command when the right information prohibits the data from being copied in the unit of a plurality of pieces of the data.

- 34. A record medium on which data has been recorded in the unit of which right information containing at least copyright management information has been added or in the unit of which an encrypting process has been performed.
- wherein in addition to the data recorded on

The record medium as set forth in claim 34,

the record medium, determination information for determining whether an encoding process including at least an encrypting process has been performed in the unit of one of a plurality of pieces of the data or an encoding process including at least an encrypting process has been performed in the unit of a plurality of pieces of the data has been recorded, the encoding

process being performed for the data that is recorded to the record medium.

- 36. The record medium as set forth in claim 35,
  wherein the determination information has
  been recorded at a location of which the determination
  information is read earlier than the data.
- 37. The record medium as set forth in claim 34, wherein the right information contains key information for decrypting the data.